



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Hugh E. McLoone et al.

Application No. TO BE ASSIGNED

Group Art Unit: TO BE ASSIGNED

Filed: December 16, 2003

Examiner: TO BE ASSIGNED

For: KEYBOARD WITH IMPROVED  
LATERAL REGION

Atty Docket: 003797.00787

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56 and 1.97-1.98, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the above-identified application. No copies of the cited art are enclosed, as these documents were cited in the parent application, Application No. 09/843,723.

The Examiner is respectfully requested to initial the space adjacent each document entry on the Form PTO-1449, and to return a copy of the initialed Form PTO-1449 to confirm that the documents have been considered and have been officially made of record in this application.

If the Examiner has any questions or wishes to discuss this application, the Examiner is invited to telephone the undersigned representative at the number set forth below.

Any fees required for consideration of this paper are hereby authorized to be charged to  
our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Date: 12/16/03

By: 

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<b>PTO-1449 (Modified)</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>	ATTY. DOCKET NO. 003797.00787	APPLICATION NUMBER TO BE ASSIGNED
	APPLICANTS  Hugh E. McLoone et al.	
	FILING DATE  December 16, 2003	GROUP ART UNIT  TO BE ASSIGNED

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	5,119,078	6/1992	Grant	---	---	
	5,334,976	08/1994	Want	---	---	
	5,476,332	10/1995	Cleveland, Jr.	---	---	
	6,098,086	08/2000	Krueger et al.	---	---	
	6,111,527	08/2000	Susel	---	---	
	6,142,687	11/2000	Lisak	---	---	
	6,241,406 B1	06/2001	Yan	---	---	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	WO 97/27529	7/1997	WIPO			X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	<a href="http://www.dgp.utoronto.ca/OTP/papers/bill.buxton/2Hnavigation.html">http://www.dgp.utoronto.ca/OTP/papers/bill.buxton/2Hnavigation.html</a> , Two-Handed Document Navigation, 5 pages, September 13, 2000.
	<a href="http://www.dgp.utoronto.ca/OTP/papers/bill.buxton/2Hands.html">http://www.dgp.utoronto.ca/OTP/papers/bill.buxton/2Hands.html</a> , A Study In Two-Handed Input, 10 pages, September 13, 2000.
	<a href="http://cogprints.soton.ac.uk/archives/psyc/papers/199803/199803026/doc.html/mb_87.html">http://cogprints.soton.ac.uk/archives/psyc/papers/199803/199803026/doc.html/mb_87.html</a> , Asymmetric Division of Labor in Human Skilled Bimanual Action: The Kinematic Chain as a Model, 28 pages, May 12, 1999.
	Myers, Brad A., et al., Abstract, Two-Handed Input Using A PDA And A Mouse, 8 sheets, (date of publication unknown, but prior to filing of application).
	MacKenzie, Scott, Slide presentation, (How) To Scroll or (How) Not To Scroll, 46 sheets, 1998.
	Zhai, Shumin, Slide presentation, Input devices and techniques: Multi0DOF, Multi-hand, Multi-stream, Multi-functional, and Multi-modal, 7 sheets, 1999.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

<input checked="" type="checkbox"/> PATENT	<input type="checkbox"/> DESIGN	B&W Ref. 003797 00787	Date 12/16/03
<input type="checkbox"/> HAND CARRY Group/Section		Bldg _____	Rm _____
Serial/Patent No. _____		Att'y/Soc. _____	RSK/SDS _____
Inventor Hugh E. McLoone et al.		Client _____	MS _____
Title KEYBOARD WITH IMPROVED LATERAL REGION			
<p>The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:</p> <p><input checked="" type="checkbox"/> 22 pp Spec. including: # of Claims 9 (# of independent claims 3) <input type="checkbox"/> Abstract</p> <p><input checked="" type="checkbox"/> Drawings: <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal # of distinct sheets 6 Figs. 1-6</p> <p><input checked="" type="checkbox"/> Declaration/Power of Attorney: <input checked="" type="checkbox"/> Executed <input type="checkbox"/> Unexecuted (Copy)</p> <p><input type="checkbox"/> Assignment w/PTO Cover Sheet</p> <p><input checked="" type="checkbox"/> IDS w/PTO 1449 <input type="checkbox"/> References <input type="checkbox"/> w/Fee</p> <p><input type="checkbox"/> Preliminary Amendment</p> <p><input type="checkbox"/> Priority Claim (Foreign or U.S. Provisional) B&amp;W # _____</p>			
<p>Country _____ Appl. # _____ Date _____</p> <p><input type="checkbox"/> w/Foreign Priority Document(s)</p>		<p><input type="checkbox"/> Amendment under 37 CFR 1.312</p> <p><input type="checkbox"/> Application: <input type="checkbox"/> CIP <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional</p> <p>Parent Ser. No. 10/326105 B&amp;W# 00473</p> <p><input type="checkbox"/> U.S. Provisional _____ pp Spec/Claims, Cover Sheet</p> <p><input type="checkbox"/> Response to Missing Parts/Requirements etc _____</p> <p><input type="checkbox"/> Response to Notice to File Corrected Apple Papers etc _____</p> <p><input type="checkbox"/> Request for Expedited Foreign Filing License</p> <p><input type="checkbox"/> Request for Corrected: <input type="checkbox"/> Filing Record <input type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Response to Restriction/Election Requirement</p>	
<p><input type="checkbox"/> Sequence Listing: <input type="checkbox"/> Diskette <input type="checkbox"/> Paper</p> <p><input type="checkbox"/> Amendment <input type="checkbox"/> Response: OA/d</p> <p><input type="checkbox"/> Petition for Extension of Time and _____</p> <p><input type="checkbox"/> CPA <input type="checkbox"/> RCE <input type="checkbox"/> w/Ext of Time: OA/d</p> <p><input type="checkbox"/> Request for Approval of Drawing Changes</p> <p><input type="checkbox"/> Notice of Appeal &amp; Fee</p> <p><input type="checkbox"/> Brief <input type="checkbox"/> Appeal &amp; Fee <input type="checkbox"/> Reply DEC 16 2003</p> <p><input type="checkbox"/> Request for Oral Hearing</p> <p><input type="checkbox"/> Issue Fee <input type="checkbox"/> Advance Patent Copies (# desired)</p> <p><input type="checkbox"/> Notice of Allowance etc</p> <p><input type="checkbox"/> Amendment under 37 CFR 1.312</p> <p><input type="checkbox"/> Request for Certificate of Correction</p> <p><input type="checkbox"/> Transmittal <input type="checkbox"/> Fee Transmittal w/Auth. to Charge Deposit Acc.</p> <p><input type="checkbox"/> Correction of Mailing</p> <p><input type="checkbox"/> Check _____ for \$ _____</p> <p><input type="checkbox"/> APPLICATION DATA SHEET</p> <p><input type="checkbox"/> ATTACHING ONE SEPARATE STAMPED POST CARD</p> <p><input type="checkbox"/> _____</p>			

SAW Rev 501

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